



Warner – Bridge 254/180 – NH Route 127 over Warner River
Public Informational Meeting

October 24, 2018



Looking North from NH Route 103 Intersection



Looking North at Bridge



Looking South at Bridge



Looking East at Dustin Road



Looking West at Dustin Road



Bridge Looking Southwest

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Cultural Resources

- **Project must comply with Section 106 of the National Historic Preservation Act**
- **Section 106 requires consideration of cultural resources, including historic buildings, structures, and archaeological deposits**
- **The NH Division of Historical Resources (NHDHR) acts as the State Historic Preservation Office (SHPO)**
- **For this project, the Federal Highway Administration (FHWA) will be the Lead Federal Agency**

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Cultural Resources (cont'd)

Potential resources in the area include:

- **Bridge – potentially eligible for listing on the National Register either individually or as part of a Historic District**
- **Archaeological sites associated with Davisville Mill Complex**
- **Structures over 50 years old (seven)**

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Cultural Resources (cont'd)

- All impacts to potential resources will be evaluated in consultation with NHDHR and FHWA
- Interested persons or organizations may request “*Consulting Party*” status from FHWA
Contact Jamie Sikora, 603-401-4870 or jamie.sikora@fhwa.dot.gov



Bridge Curb and Beam Deterioration



Bridge Deck Delamination

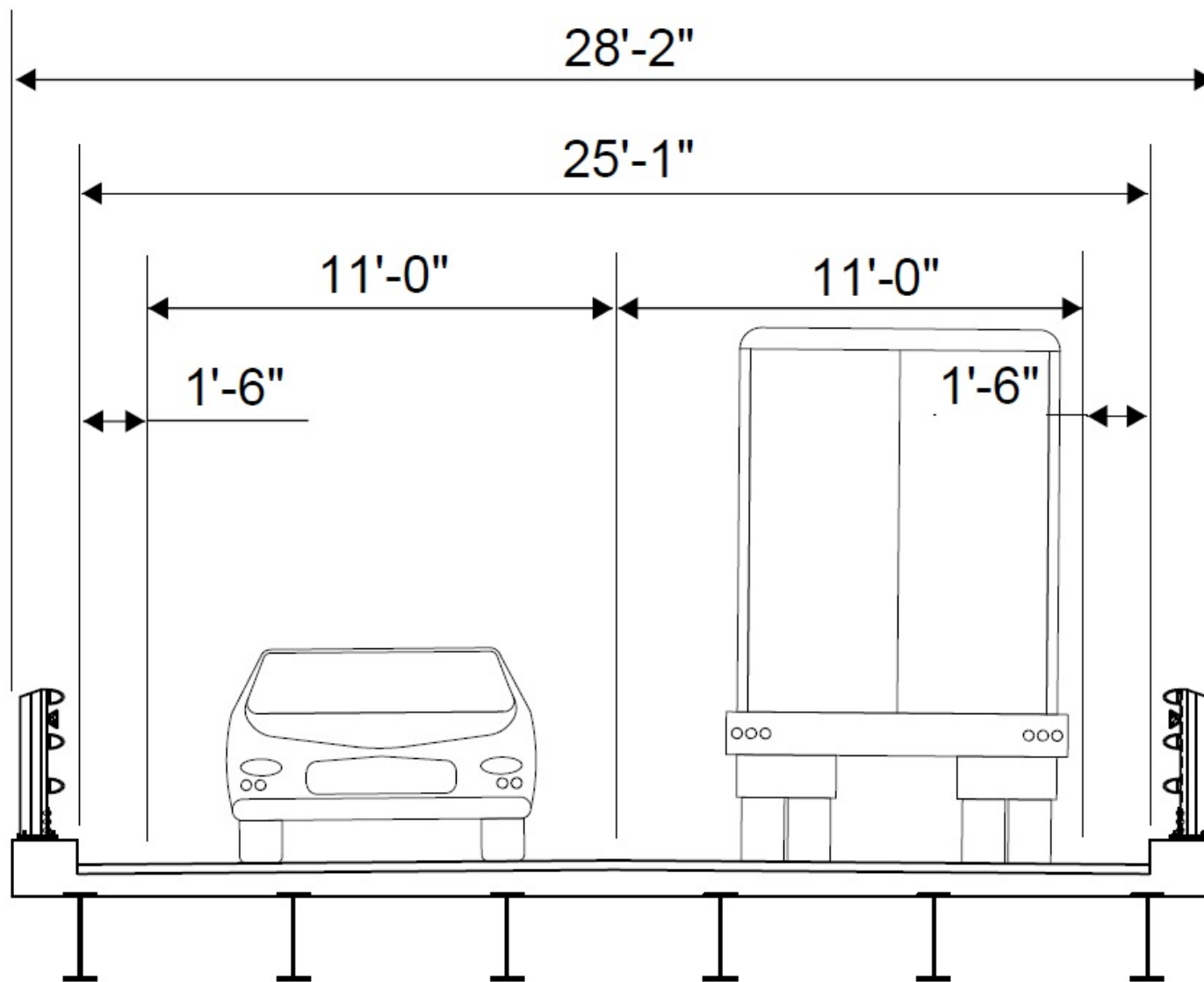


Bridge Beam Deterioration

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About the Bridge

- **Three-Span, 123 foot I-beam bridge**
- **Built in 1937**
- **25 foot Curb-to-Curb Width**
- **Bridge is on State's Red List due to deck condition (since 2005)**
- **Steel beams and supporting substructure in satisfactory condition**
- **Bridge Priority #91 (2017)**



Existing Bridge Section

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Town of Warner Input

- **Safety Concerns with Existing Situation**
- **Emergency Vehicle Routes**
- **Bus Routes**
- **Pedestrian or Bike Usage**
- **Flooding**
- **Historic concerns**
- **Local Events**
- **Abutter concerns**
- **Other Concerns or Comments**

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Traffic Control Alternatives

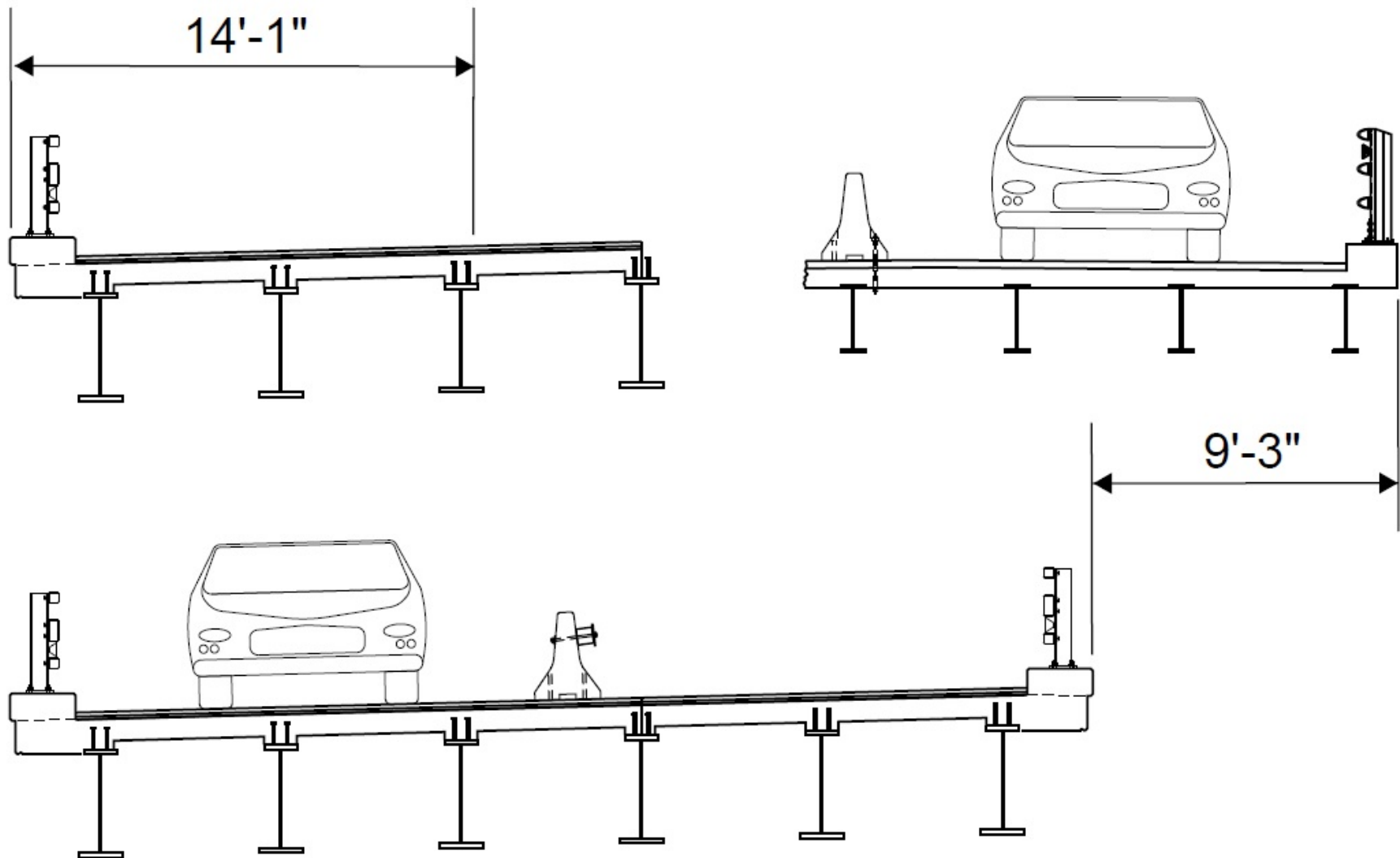
1. **Maintain a Single Lane of Alternating One-Way Traffic (with Temporary Signals)**
2. **Close Bridge and Detour Traffic**

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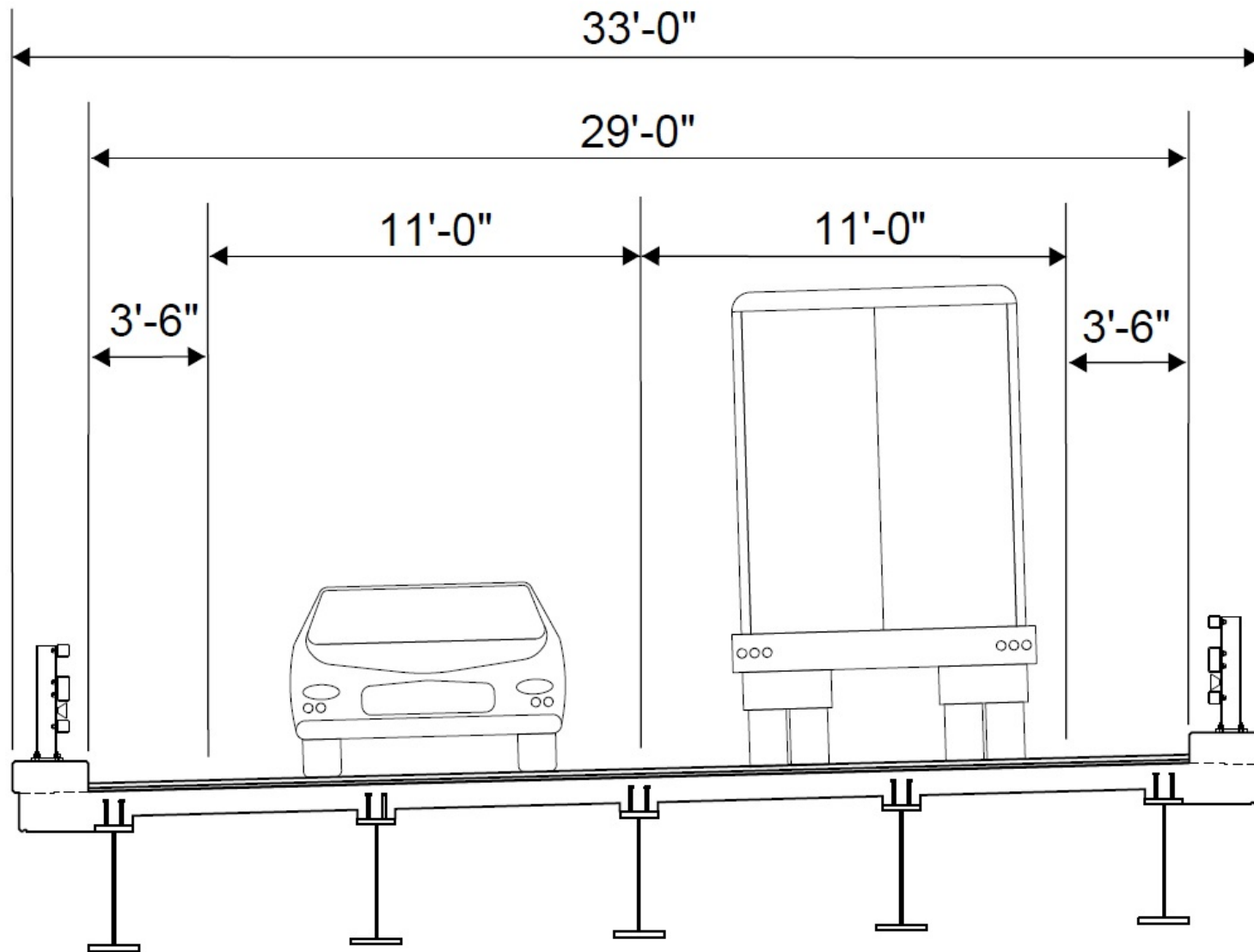
Traffic Control Alternative 1

Single Lane of Alternating One-Way Traffic:

- Existing Width is Too Narrow to Maintain Minimum Lane Widths Within the Existing Bridge Footprint
- Requires a Shift in the Roadway Alignment and May Involve Right-of-Way Impacts (Right-of-Way Impacts Can Delay Schedule 2 Years)
- Estimated to Increase Construction Costs 25% Compared to the Closed Option (Not Including Right-of-Way)
- Two Construction Seasons to Construct
- Not Recommended



Phased Bridge Sections



Final Bridge Section

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Traffic Control Alternative 2

Close Bridge During Construction:

- 8.4 Mile Detour on Local Roads
- 44.8 Mile Detour for Trucks on State Routes
- Requires Coordination with Emergency Response Providers
- Requires Coordination with School(s) for Bus Routes
- One Construction Season
- Deck Replacement Alternative May Allow for Closure to Begin After School Year Ends, but Will Leave Narrow Shoulders in Place
- Recommended

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Next Steps

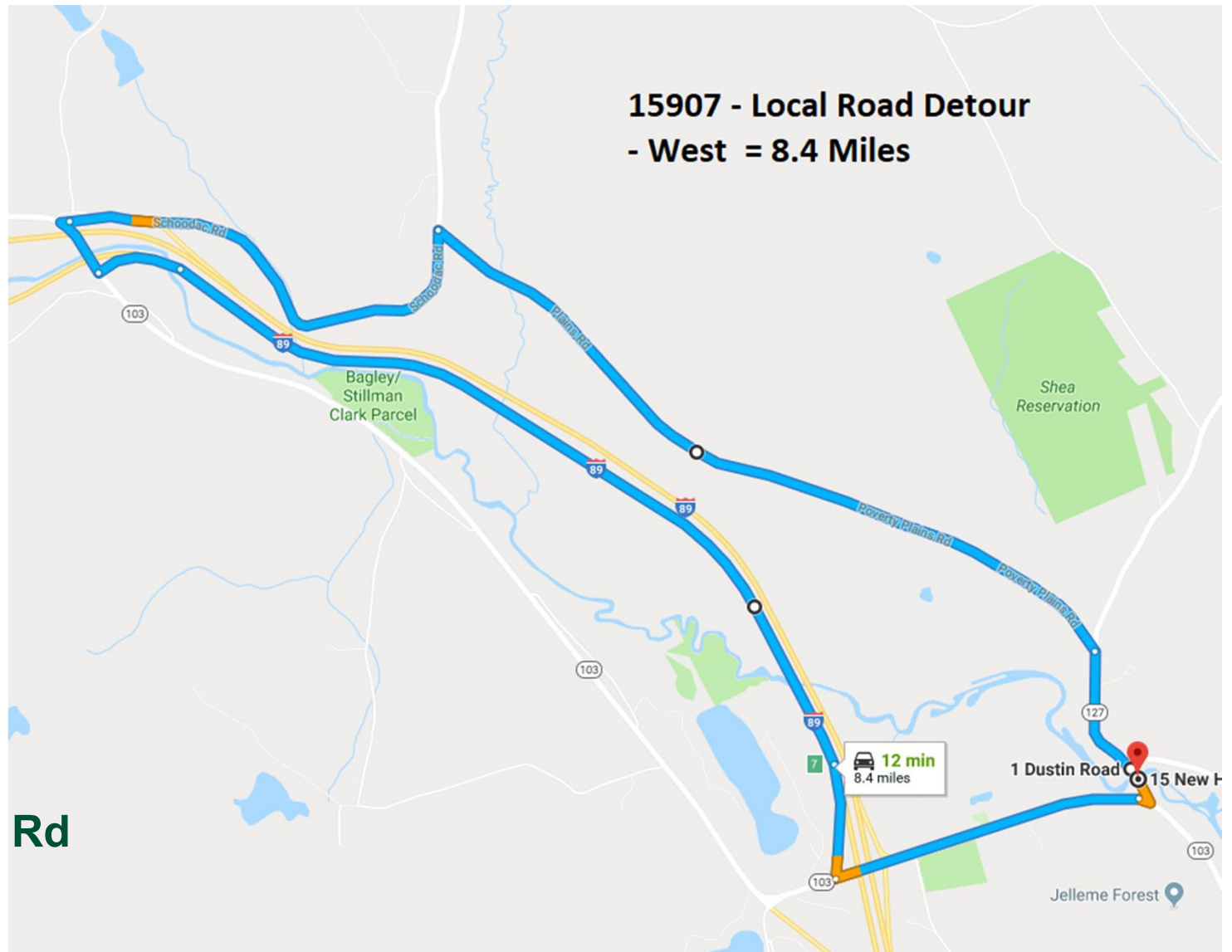
- **Present Findings to Cultural and Natural Resource Agencies to Get Their Input and Comments**
- **Develop and Evaluate Bridge Alternatives**
- **2nd Public Informational Meeting (spring 2019) to Present Findings of Alternative Analysis and to Present Preferred Alternative**
- **Complete NEPA Process (National Environmental Policy Act) for Environmental Permitting**
- **Develop Preliminary Plans**
- **Develop Contract Plans and Documents**
- **Construction Starts in 2021**

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Additional Concerns, Comments, Questions...

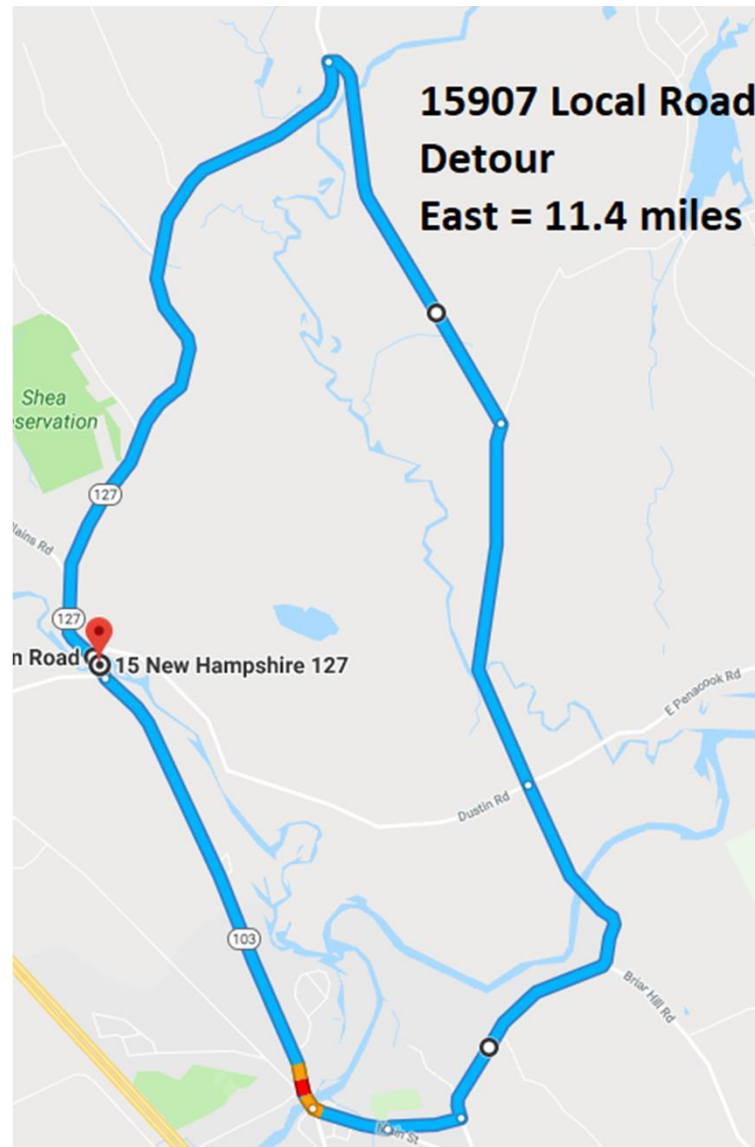


- NH Route 127
- NH Route 103
- I-89
- Schoodac Rd
- Poverty Plains Rd



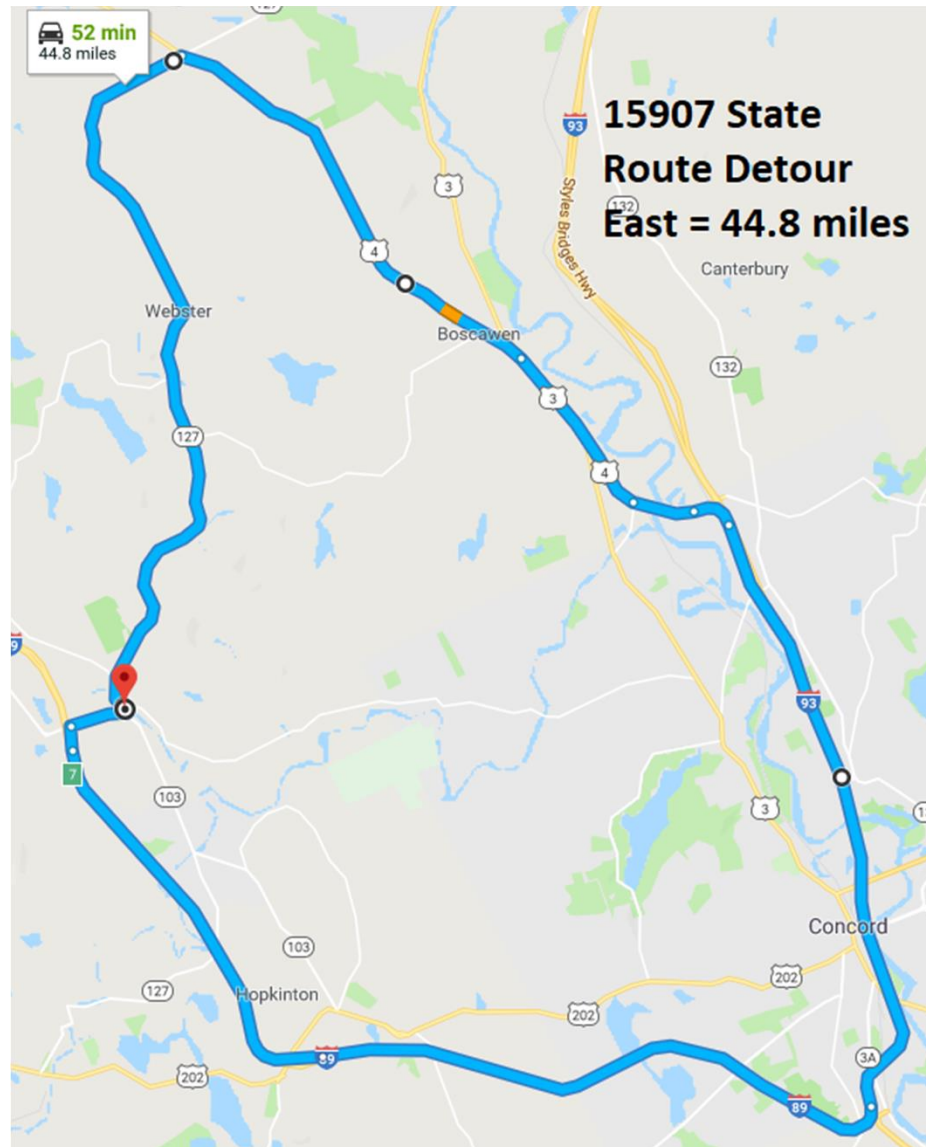
Local Detour Option 1 - West

- NH Route 127
- Tyler Rd
- Penacook Rd
- NH Route 103



Local Detour Option 2 - East

- NH Route 127
- US Route 4
- I-93
- I-89
- NH Route 103



Truck Detour Option 2 - East